



FACT SHEET

STATEMENT OF BASIS for SOILS AND SLUDGES at CHEVRON/TEXACO FACILITY, HOOVEN, OHIO

BACKGROUND INFORMATION

Chevron is performing environmental corrective action at their former refining facility in Hooven, Ohio. The corrective action is being performed under the authority of the Resource Conservation and Recovery Act. The Statement of Basis prepared by U.S. EPA provides a summary of Chevron's investigation defining the nature and extent of soils and sludge contamination at and from their facility, and a summary of Chevron's study of viable remedies. This Statement of Basis also specifies the remedy proposed by U.S. EPA to clean up soils and sludge contamination at and from the facility. Cleanup of groundwater at the site will be proposed in a separate statement of basis.

SITE FEATURES

Across the former refinery there are defined locations where wastes were stored and/or handled and releases to the environment occurred. Specifically forty three (43) Solid Waste Management Units (SMWUs) and four (4) Areas of Concern (AOCs) were identified. Principal SWMUs at the facility include 2 large surface impoundments containing sludges from refinery operations. Other SWMUs and AOCs include land disposal areas, surface impoundments, waste piles, and former storage tanks. Many of the SWMUs and AOCs have been excavated and their contents taken off site for disposal.

NATURE AND EXTENT OF CONTAMINATION

The existing SWMUs and AOCs have wastes whose principal contaminants are semi-volatile organic compounds, and metals along with some volatile organic compounds. These wastes impact the surrounding soil and pose some risks to human health and the environment.

REMEDY PROPOSED BY U.S. EPA

To remediate Soils and Sludges

The proposed remedy is the domestic off-site disposal of excavated SWMU and AOC wastes. The disposal of wastes that qualify as CAMU-eligible will be in an off-site hazardous waste landfill. The landfill will be a hazardous waste landfill in the United States permitted under RCRA to accept CAMU-eligible waste. The excavation of the SWMUs and AOCs will be conducted until all visual evidence of waste removal has been achieved and then confirmatory sampling will be conducted in the excavation. These confirmatory samples will be analyzed and compared to Region 9 Preliminary Remediation Goals (PRGs) for industrial soil. The excavation then will be backfilled with clean fill and restoration of the surface, ecological restoration on some areas. The backfilling with clean fill separates the ecological receptors from the soil that is left in place at industrial reuse levels.

INFORMATION REPOSITORY

Chevron Reports and the **Statement of Basis** are available at:

The Public Library of Cincinnati and Hamilton County
Miami Township Branch
8 North Miami Avenue
Cleveland, OH 45002
(513) 369-6050

U.S. EPA, Region 5
Waste Pesticides and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8a.m. - 4p.m.

Office of Solid and Hazardous Waste Management
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402
(937) 285-6357

The **Statement of Basis** is presented to the public for review and comment. The 45 day Public Comment Period is 6/26/03 to 8/11/03. Send written comments to:

Christopher J. Black
U.S. Environmental Protection Agency
77 West Jackson Boulevard, DE-9J
Chicago, Illinois 60604
call toll free (800) 621-8431
or directly (312) 886-1451
black.christopher@epa.gov